

What is claimed is:

1. A system for monitoring imports and exports, the system comprising a plurality of client computers, an enterprise server, a database and a customs server, wherein:

the client computers provide interfaces for users to maintain information on import and export materials and stocks;

the enterprise server receives and handles input information, generates bills of entry, and transmits the bills of entry to the customs server, the customs server comprising:

a data maintaining module for adding, modifying, inquiring and deleting information on import and export materials and stock;

an auditing module for auditing import and export materials based on a current stock of each material, a safe threshold volume of each material, and a consumption quantity per unit finished product;

a bill of entry generating module for generating bills of entry based on the audited information on import and export materials, and for transmitting the bills of entry to the customs server;

the database stores configured information, the bills of entry and feedback of the customs server; and

the customs server receives the bills of entry from the enterprise server, generates feedback of the bills of entry, and transmits the feedback to the enterprise server.

2. The system as described in claim 1, wherein the enterprise server further comprises a system configuring module for initializing the system.

3. The system as described in claim 1, wherein the enterprise server further comprises a bill of entry status maintaining module for storing and inquiring of statuses of the bills of entry.

4. The system as described in claim 1, wherein the enterprise server further comprises a customs data synchronizing module, for synchronizing customs information based on the content of feedback from the customs server and updating corresponding bills of entry accordingly.

5. The system as described in claim 3, wherein the bill of entry status maintaining module comprises:

- a bill of entry status storing sub-module for storing statuses of the bills of entry; and

- a bill of entry status inquiring sub-module for inquiring of the statuses of the bills of entry.

6. The system as described in claim 5, wherein the statuses of the bills of entry comprise untransmitted bill of entry, transmitted bill of entry, and bill of entry which has been fed back by the customs server.

7. A method for monitoring imports and exports, the method comprising the following steps:

- providing a system for monitoring and maintaining information on import and export materials and stocks, the materials including raw materials and finished products;

- auditing the information on import and export materials based on a current stock of each material, a safe threshold volume of each material, and a consumption quantity per unit finished product corresponding to each raw material, the auditing of the import materials being to ensure that the import quantity of each raw material together with the quantity of the current stock does not exceed the safe threshold volume of the raw material, the auditing of export quantities of finished products being to ensure that the consumption quantity per unit finished product corresponding to each raw material does not exceed the quantity of the current stock of the raw

material; and

automatically generating a bill of entry based on the audited information on import and export materials, transmitting the bill of entry to a customs server, and storing the bill of entry in the database, if the result of auditing the information on import and export materials is satisfactory.

8. The method as described in claim 7, wherein the step of generating a bill of entry further comprises the step of: receiving and storing feedback of the customs server.

9. The method as described in claim 7, wherein the step of generating a bill of entry further comprises the steps of:

determining whether the bill of entry needs to be modified as a result of the feedback; and

modifying the bill of entry accordingly and synchronizing customs information, if modification is needed.

10. The method as described in claim 7, wherein the step of auditing the information on import and export materials is repeated if the result of auditing the information on import and export materials is not satisfactory.

11. A method for monitoring imports and exports, the method comprising the following steps:

providing a system for monitoring and maintaining information on import and materials and stocks, the materials including raw materials;

auditing the information on import materials based on a current stock of each material, a safe threshold volume of each material, the auditing of the import materials being to ensure that the import quantity of each raw material together with the quantity of the current stock does not exceed the safe threshold volume of the raw material; and

automatically generating a bill of entry based on the audited information on

import materials, transmitting the bill of entry to a customs server, and storing the bill of entry in the database, if the result of auditing the information on import materials is satisfactory; wherein the step of auditing the information on import materials is repeated if the result of auditing the information on import materials is not satisfactory.